

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6883	(quer\$3 or search\$3) with concept\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:23
L2	21876	(predetermin\$3 with algorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:20
L3	135	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:20
L4	230	(quer\$3 or search\$3) with concept\$3 with (frequenc\$3 or ocurren\$3 or weight\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:21
L5	230	(quer\$3 or search\$3) with concept\$3 with (frequenc\$3 or occurren\$3 or weight\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:21
L6	17	3 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:21
L7	0	6 and @ad<"20000823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:25
L8	26	3 and @ad<"20000823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:23

## EAST Search History

L9	2	8 and (707/3).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:22
L10	0	8 and (707/2).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:22
L11	3100	(quer\$3 or search\$3) with (keyword or term or string or word) with (frequenc\$3 or occurren\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:25
L12	37	2 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:24
L13	10	12 and @ad<"20000823"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:25
L14	387	(quer\$3 or search\$3) with (keyword or term or string or word) with relat\$3 with (frequenc\$3 or occurren\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:25
L15	0	14 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/29 14:25

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**Web Results 1 - 10** of about **956,000** for **search concept predetermined algorithm frequency**. (0.31 seconds)

### Taxonomy generation for electronic documents - US Patent 7243092

The method of claim 1, wherein the two or more term ranking **algorithms** include a TFIDF (Text **Frequency** and Inverse Document **Frequency**) **algorithm**. ...

[www.patentstorm.us/patents/7243092-claims.html](http://www.patentstorm.us/patents/7243092-claims.html) - 24k - [Cached](#) - [Similar pages](#)

### PSK modulation by temporarily increasing frequency to achieve ...

Phase and **frequency** modulation are closely related **concepts** but are .... 1 and data 2 signals according to a first **predetermined algorithm** and which is used ...

[www.freepatentsonline.com/4575858.html](http://www.freepatentsonline.com/4575858.html) - 39k - [Cached](#) - [Similar pages](#)

### Concept identification system and method for use in reducing and ...

If a **concept** is found to have more than a **predetermined** matching weight for a ... the text according to **predetermined algorithms** and/or rules which may be ...

[www.freepatentsonline.com/6823331.html](http://www.freepatentsonline.com/6823331.html) - 62k - [Cached](#) - [Similar pages](#)

### (WO/2005/096179) INFORMATION RETRIEVAL

A list of **search concepts** associated with the query is then displayed. ... set from said first user query using a **predetermined** lexical chaining **algorithm**, ...

[www.wipo.int/pctdb/en/wo.jsp?WO=2005%2F096179&IA=WO2005%](http://www.wipo.int/pctdb/en/wo.jsp?WO=2005%2F096179&IA=WO2005%2F096179&DISPLAY=DESC)

[2F096179&DISPLAY=DESC](http://www.wipo.int/pctdb/en/wo.jsp?WO=2005%2F096179&DISPLAY=DESC) - 38k - [Cached](#) - [Similar pages](#)

### LNCS 4225 - Search Method of Time Sensitive Frequent Itemsets in ...

frequent itemsets, by using a **predetermined** minimum support and maximum support error. The suggested **algorithm** computes the total number of **frequencies** and ...

[www.springerlink.com/index/hqv0107q00v18311.pdf](http://www.springerlink.com/index/hqv0107q00v18311.pdf) - [Similar pages](#)

### Index (search engine) - Wikipedia, the free encyclopedia

[15] Position information enables the **search algorithm** to identify word proximity to support searching for phrases; **frequency** can be used to help in ranking ...

[en.wikipedia.org/wiki/Index\\_\(search\\_engine\)](http://en.wikipedia.org/wiki/Index_(search_engine)) - 70k - [Cached](#) - [Similar pages](#)

### Journal of Sound and Vibration : Topology group concept for truss ...

Topology group **concept** for truss topology optimization with **frequency** .... The one-dimensional **search algorithm** is to determine the minimum point  $t_{min}$  of ...

[linkinghub.elsevier.com/retrieve/pii/S0022460X02010210](http://linkinghub.elsevier.com/retrieve/pii/S0022460X02010210) - [Similar pages](#)

### Getting Our Head in the Clouds: Toward Evaluation Studies of Tagclouds

Sorting: Words can be sorted alphabetically, by **frequency** or, by a **predetermined algorithm**. Clustering: Words can be sorted semantically or the users ...

[portal.acm.org/citation.cfm?doid=1240624.1240775](http://portal.acm.org/citation.cfm?doid=1240624.1240775) - [Similar pages](#)

### Genetic algorithms for continuous optimization problems—a concept ...

The **concept** of genetic **algorithms**, with parameter-space size adjustment (GAPSSAs) is based on the idea of concentrating the **search** in the area where ...

[www.iop.org/EJ/article/0305-4470/30/22/022/a72215.pdf](http://www.iop.org/EJ/article/0305-4470/30/22/022/a72215.pdf) - [Similar pages](#)

### Development and testing of a remote sensing instrument using GNSS ...

this way we can optimise the **search** parameters and speed up. our **algorithms** considerably. The **frequency** and time. domain signatures from data captured ...

ieeexplore.ieee.org/iel5/9010/28607/01295506.pdf - [Similar pages](#)

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### 1 [Base Noun Phrase translation using web data and the EM algorithm](#)

Ads by

Yunbo Cao, Hang Li

 August 2002 **Proceedings of the 19th international conference on Computational linguistics - Volume 1**, Volume 1

Publisher: Association for Computational Linguistics

Full text available: pdf(180.29 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

We consider here the problem of Base Noun Phrase translation. We propose a new method to perform the task. For a given Base NP, we first search its translation candidates from *the web*. We next determine the possible translation(s) from among the ...

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### 2 [Clustering user queries of a search engine](#)



Ji-Rong Wen, Jian-Yun Nie, Hong-Jiang Zhang

 April 2001 **WWW '01: Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM

Full text available: pdf(219.35 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)
**Keywords:** query clustering, search engine, user log, web data mining

### 3 [Retrospective approximation algorithms for the multidimensional stochastic root-finding problem](#)

Raghu Pasupathy, Bruce W. Schmeiser

December 2004 **WSC '04: Proceedings of the 36th conference on Winter simulation**

Publisher: Winter Simulation Conference

Full text available: pdf(221.07 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

The stochastic root-finding problem (SRFP) is that of solving a system of  $q$  equations in  $q$  unknowns using only an oracle that provides estimates of the function values. This paper presents a family of algorithms to solve the multidimensional ...

#### 4 Algorithms and data structures for flash memories



Eran Gal, Sivan Toledo

June 2005 **ACM Computing Surveys (CSUR)**, Volume 37 Issue 2

**Publisher:** ACM

Full text available: [pdf\(343.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Flash memory is a type of electrically-erasable programmable read-only memory (EEPROM). Because flash memories are nonvolatile and relatively dense, they are now used to store files and other persistent objects in handheld computers, mobile phones, digital ...

**Keywords:** EEPROM memory, Flash memory, wear leveling

#### 5 Frequency insertion strategy for channel assignment problem

Won-Young Shin, Soo Y. Chang, Jaewook Lee, Chi-Hyuck Jun

February 2006 **Wireless Networks**, Volume 12 Issue 1

**Publisher:** Kluwer Academic Publishers

Full text available: [pdf\(340.10 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a new heuristic method for quickly finding a good feasible solution to the channel assignment problem (CAP). Like many other greedy-type heuristics for CAP, the proposed method also assigns a frequency to a call, one at a time. Hence, ...

**Keywords:** Philadelphia benchmark, assignment, cellular system

#### 6 A privacy-preserving technique for Euclidean distance-based mining algorithms using Fourier-related transforms

Shibnath Mukherjee, Zhiyuan Chen, Aryya Gangopadhyay

November 2006 **The VLDB Journal – The International Journal on Very Large Data Bases**, Volume 15 Issue 4

**Publisher:** Springer-Verlag New York, Inc.

Full text available: [pdf\(931.67 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Privacy preserving data mining has become increasingly popular because it allows sharing of privacy-sensitive data for analysis purposes. However, existing techniques such as random perturbation do not fare well for simple yet widely used and efficient ...

**Keywords:** Data mining, Fourier transform, Privacy

#### 7 Two improved differential evolution schemes for faster global search



Swagatam Das, Amit Konar, Uday K. Chakraborty

June 2005 **GECCO '05: Proceedings of the 2005 conference on Genetic and evolutionary computation**

**Publisher:** ACM

Full text available: [pdf\(318.76 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Differential evolution (DE) is well known as a simple and efficient scheme for global optimization over continuous spaces. In this paper we present two new, improved variants of DE. Performance comparisons of the two proposed methods are provided against ...

**Keywords:** differential evolution, evolutionary computation, particle swarm optimization

8 TV ad video categorization with probabilistic latent concept learning



Jinqiao Wang, Lingyu Duan, Lei Xu, Hanqing Lu, Jesse S. Jin

September 2007 **MIR '07:** Proceedings of the international workshop on Workshop on multimedia information retrieval

**Publisher:** ACM

Full text available: pdf(1.72 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we present a multi-modal approach to TV ads classification by advertised products/services. A bag-of-words representation is proposed to discover ad categories-related latent visual and textual concepts by probabilistic latent semantics ...

**Keywords:** TV ads, multimodal analysis, semantics, video categorization

9 Efficient range-constrained similarity search on wavelet synopses over multiple streams



Hao-Ping Hung, Ming-Syan Chen

November 2006 **CIKM '06:** Proceedings of the 15th ACM international conference on Information and knowledge management

**Publisher:** ACM

Full text available: pdf(463.38 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Due to the resource limitation in the data stream environment, it has been reported that answering user queries according to the wavelet synopsis of a stream is an essential ability of a Data Stream Management System (DSMS). In this paper, motivated ...

**Keywords:** data stream, similarity search, wavelet synopses

10 Haplotypes and informative SNP selection algorithms: don't block out information



Vineet Bafna, Bjarni V. Halldorsson, Russell Schwartz, Andrew G. Clark, Sorin Istrail

April 2003 **RECOMB '03:** Proceedings of the seventh annual international conference on Research in computational molecular biology

**Publisher:** ACM

Full text available: pdf(246.85 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

It is widely hoped that variation in the human genome will provide a means of predicting risk of a variety of complex, chronic diseases. A major stumbling block to the successful identification of association between human DNA polymorphisms (SNPs) and ...


**Keywords:** SNPs, haplotype blocks, haplotype tagging

11 A tone mapping algorithm for high contrast images

Michael Ashikhmin

July 2002 **EGRW '02:** Proceedings of the 13th Eurographics workshop on Rendering

**Publisher:** Eurographics Association

Full text available:  [pdf\(3.05 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)


A new method is presented that takes as an input a high dynamic range image and maps it into a limited range of luminance values reproducible by a display device. There is significant evidence that a similar operation is performed by early stages of ...

**12** Statistical estimation of access frequencies in data broadcasting environments

Jeffrey Xu Yu, Toshio Sakata, Kian-Lee Tan

March 2000 **Wireless Networks**, Volume 6 Issue 2

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(230.00 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

In a data publishing environment, the server periodically broadcasts data to users based on a broadcast program. The program is constructed using knowledge of access frequencies, which is assumed to be available and accurate, on the broadcast data. For ...

**13** Reactive tabu search in unmanned aerial reconnaissance simulations

Joel L. Ryan, T. Glenn Bailey, James T. Moore, William B. Carlton

December 1998 **WSC '98: Proceedings of the 30th conference on Winter simulation**

**Publisher:** IEEE Computer Society Press

Full text available:  [pdf\(117.00 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

**14** Matching data dissemination algorithms to application requirements



John Heidemann, Fabio Silva, Deborah Estrin

November 2003 **SensSys '03: Proceedings of the 1st international conference on Embedded networked sensor systems**

**Publisher:** ACM

Full text available:  [pdf\(193.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

A distinguishing characteristic of wireless sensor networks is the opportunity to exploit characteristics of the application at lower layers. This approach is encouraged by device resource constraints, and acceptable because devices are inexpensive and ...

**Keywords:** application performance, data dissemination, directed diffusion, network routing, sensor networks

**15** An integrated approach for scaling up classification and prediction algorithms for data mining

Patricia E. N. Lutu

September 2002 **SAICSIT '02: Proceedings of the 2002 annual research conference of the South African institute of computer scientists and information technologists on Enablement through technology**

**Publisher:** South African Institute for Computer Scientists and Information Technologists



Full text available:  pdf(197.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Classification and prediction algorithms for machine learning typically require all training data to be resident in memory during decision tree construction. Typically, a flat file is created from database or data warehouse data and loaded into memory ...

**Keywords:** classification, classification trees, data mining, decision tree induction, knowledge discovery in databases, machine learning, prediction, regression trees

#### 16 [A query scope agent for flood search routing protocols](#)

John Sucec, Ivan Marsic

November 2003 **Wireless Networks**, Volume 9 Issue 6

**Publisher:** Kluwer Academic Publishers

Full text available:  pdf(289.73 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Flood-search on-demand routing has received considerable interest for its application to mobile ad hoc networks. To alleviate the effects of flooding the network with control packets to discover a route, the concept of an expanding ring search (ERS) ...


**Keywords:** flood search, mobile ad hoc network, on-demand routing

#### 17 [On the parallel simulation of fixed channel allocation algorithms](#)

Peter Alleyne, Carl Tropper

September 2000 **Mobile Networks and Applications**, Volume 5 Issue 3

**Publisher:** Kluwer Academic Publishers

Full text available:  pdf(172.76 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We present, in this paper, several channel allocation algorithms for use in cellular communications networks or mobile networks. The channel allocation algorithms make use of fixed allocation of channels and channel reorganization. The channel reorganization ...

#### 18 [Evaluating topic-driven web crawlers](#)



Filippo Menczer, Gautam Pant, Padmini Srinivasan, Miguel E. Ruiz

September 2001 **SIGIR '01: Proceedings of the 24th annual international ACM SIGIR conference on Research and development in information retrieval**

**Publisher:** ACM

Full text available:  pdf(210.09 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Due to limited bandwidth, storage, and computational resources, and to the dynamic nature of the Web, search engines cannot index every Web page, and even the covered portion of the Web cannot be monitored continuously for changes. Therefore it is essential ...

**Keywords:** InfoSpiders, PageRank, Web information retrieval, best-first search, focused crawlers, performance metrics, topic driven crawling

#### 19 [Query clustering using user logs](#)

January 2002 **ACM Transactions on Information Systems (TOIS)**, Volume 20 Issue 1**Publisher:** ACMFull text available: pdf(1.31 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Query clustering is a process used to discover frequently asked questions or most popular topics on a search engine. This process is crucial for search engines based on question-answering. Because of the short lengths of queries, approaches based on ...

**Keywords:** Query clustering, search engine, user log, web data mining

## 20 Program working storage: a beginner's model



Evgenia Vagianou

February 2006 **Baltic Sea '06:** Proceedings of the 6th Baltic Sea conference on Computing education research: Koli Calling 2006**Publisher:** ACMFull text available: pdf(106.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

The aim of this paper is to introduce and validate the concept of *program working storage* (PWS) as a means of smooth transition of students ...

**Keywords:** constructivist instruction, introductory programming, preconceptions, teaching programming, threshold concepts

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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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